FREDERICK MARYLAND IS WHERE CULTURES CONNECT

During the day, you'll find a deep culture of discovery and innovation dedicated to the life sciences. An impressive local workforce drives development & production at cutting-edge locations, such as AstraZeneca's biologic manufacturing facility, the Leidos - Frederick National Lab FFRDC, and the new Kite Pharma biopharmaceutical manufacturing facility. In addition is an emerging risk management and services cluster focused on the biotechnology, clinical, pharmaceutical and research communities.

After the lab coats are hung up for the day, those same minds meld into the diverse cultural experiences for which Frederick is nationally renowned. From the food scene of historic downtown Frederick and a thriving craft beverage industry to the plentiful outdoor recreational opportunities throughout the mountains, valleys, and rivers that surround the community, Frederick County offers a quality of life that supports both the attraction and retention of top talent.





ADVANTAGES

BUSINESS FRIENDLY ENVIRONMENT

Frederick, the Northern anchor of the 270 Technology Corridor, is home to more than 80 life science companies focused on biopharmaceutical manufacturing, biodefense research & discovery, and development of medical devices, diagnostics and research tools. The bioscience industry enjoys Frederick's low tax structure, no business personal property tax, fast track permitting assistance and lower development costs.

STRATEGIC LOCATION AND ACCESS

Frederick's location within the Mid-Atlantic region enables access to 2/3 of the U.S. population within a day's drive. Frederick's proximity to both Washington D.C. and Baltimore, MD (1 hour) offers direct access to federal agencies, and worldrenowned research institutions such as Johns Hopkins University. Businesses enjoy easy access to a comprehensive transportation network including highway, 3 international airports (BWI, Reagan National, and Dulles International), rail and port resources.

SKILLED WORKFORCE & EDUCATIONAL SYSTEM

Nearly 40% of the workforce holds a bachelor's degree or higher. The community continues to invest in building a strong local workforce pipeline including, but not limited to, nationally recognized programs at Frederick County Public Schools in Biomedical Sciences, Pre-Engineering Academy, and the International Baccalaureate Academy embedded in high schools. Frederick is also home to 3 higher education institutions offering Associate, Bachelor's, and Master's degrees in Bioprocessing, Biomedical Science, Environmental Biology, Chemistry & Biology, and Pre-Med Studies with opportunities for training partnerships.

FROM INCUBATION TO ACCELERATION

The Frederick Innovative Technology Center, Inc. (FITCI) named one of the largest incubators and accelerators by the Baltimore Business Journal in 2017, offers biotech and life science entrepreneurs over 20,000 SF of space with 35 offices, 16 wet labs, and state-of-the-art services geared towards accelerating biotech entrepreneurs.



MAJOR GOVERNMENT FUNDED RESEARCH

Congressionally Directed Medical Research Programs*

Frederick National Laboratory for Cancer Research*

National Biodefense Analysis and Countermeasures Center*

National Cancer Institute - Frederick*

National Center for Medical Intelligence*

National Institute of Allergy and Infectious Diseases - Frederick*

Telemedicine & Advanced Technology Research Center*

U.S. Army Medical Research and Materiel Command*

U.S. Army Medical Research Institute of Infectious Diseases*

US Army Center of Environmental Health Research*

USDA Foreign Disease-Weed Science Research Unit*

& MANUFACTURING **ORGANIZATIONS**

Alizee Pathology Bluepoint Bioscience BridgePath Scientific

DENOTES LOCATED IN CITY OF FREDERICK LIMITS

Columbia Biosciences Denovo Biotechnology Electron Microscopy **BioServices Emmes Corporation** Express Genomics* Imquest Biosciences Indivumed Integrated Pharma Services Kamtek Kemp Proteins Leidos Biomedical Research* Lonza Medigen* Ology Bioservices* Poochon Scientific Precision for Medicine* Southern Research*

SriSai BioPharmaceutical*

Steven Lane Consulting

Tox Path Specialists*

DIAGNOSTICS AND MEDTECH

Texcell

Akonni Biosystems* **TOMI Environmental Solutions Bioelectronics Corporation** X-Gene Diagnostics

ACCREDITATION, TRAINING, **PROFESSIONAL SERVICES &** CONSULTING

American Association for Laboratory Accreditation Allied Technologies & Consulting Battelle Memorial Institute **Bio-Stat Solutions** BridgePath Scientific Cernomics Solutions* Chemconsulting General Dynamics* EduQuest

Eminent Services Corporation Fisher Bioservices Inspirion Biosciences* Meridian BioGroup Mesa Science Associates **Neotrials** Nexus Discovery Advisors Steven Lane Consulting Scientific Consulting Group US Pharmacopeia Valogic*

NUTRICEUTICALS

Imagilin Technology*

Akonni Biosystems*

RESEARCH PRODUCTS

BioAssay Works Bluepoint Bioscience Columbia Biosciences Charles River Laboratories* Denovo Biotechnology Envigo Express Biotech International* Express Genomics* Fibercell Systems* **GM Biosciences Hydromax** HypOxygen Indivumed Lifeline Cell Technology*

Lonza

Qiagen

RoosterBio

Poochon Scientific

RuRo* SignaGen Laboratories Syngene **Tao Treasures** Thermo Fisher Scientific

SELECT STARTUPS

Biological Mimetics* **Biologics Resources** Dri Biosciences **HBVTech** Psquare Scientific Theradaptive* Veralox Therapeutics*

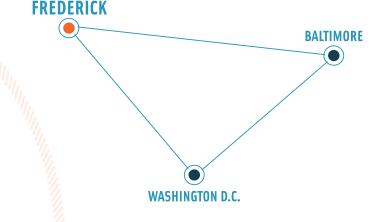
SUPPLIERS AND DISTRIBUTORS

Accuflow Systems BaneBio BridgePath Scientific DCM Bioservices* Measurement Instruments Microbiology International Thermo Fisher Scientific

DRUGS, VACCINES & BIOLOGICS

Astrazeneca Pharmaceuticals* BioFactura* General Dynamics* Kite Pharma Jecho Laboratories Leidos Lonza Medigen* Royer Biomedical

CONTRACT RESEARCH



List as of 5/15/19. Updates and additions may be submitted to the City's Department of Economic Development at businessinfrederick@cityoffrederick.com or the County's Office of Economic Development at info@discoverfrederickmd.com.